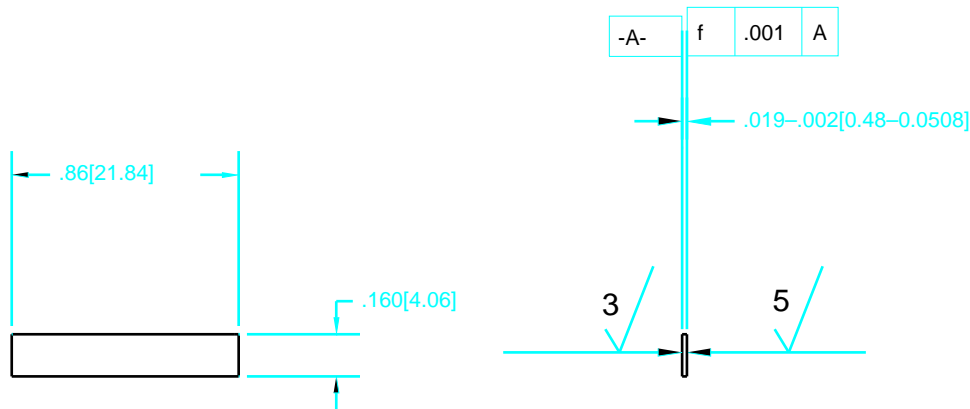


(B)

PLOT SCALE: 1=1

DWG. SCALE: 1



2X ACTUAL SIZE  
(FOR CLARITY)

#### NOTES:

1. THIS IS A ULTRA - HIGH VACUUM CHAMBER (UHV)
2. WHEN MACHINING VACUUM PARTS, USE OF SILICONE AND SULPHUR-BASED CUTTING FLUIDS IS PROHIBITED. USE ONE OF THE FOLLOWING:
  - A) CIMCOOL 5 STAR 49
  - B) TRIM SOL
3. KEEP THE PART CLEAN AND WRAP FOR UHV PACKING WITH ALUMINUM FOIL.
4. DIMENSIONS IN [ ] ARE MILLIMETERS AND FOR REFERENCE ONLY.
5. THE COMPONENT NEEDS TO GO THROUGH A MULTIPLE STEP CLEANING PROCESS INVOLVING DEGREASING, WASHING AND AND DRY NITROGEN BLOWDOWN.

ACTUAL SIZE

ITEM	DWG/PART NUMBER	NOMENCLATURE OR DESCRIPTION	MATERIAL / SPEC	QTY
<b>PARTS LIST</b>				
UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS ARE IN INCHES TOLERANCES DECIMALS .X - .03 .XX - .01 .XXX - .005 ANGULAR - .25 SURFACE ROUGHNESS 125 REMOVE ALL BURRS AND BREAK SHARP EDGES .03 MAX. SURFACE TEXTURE TO BE IN ACCORDANCE WITH LATEST ANSI B46.1 DIMENSIONING & TOLERANCING IN ACCORDANCE WITH LATEST ANSI Y14.5 DO NOT SCALE DRAWING		LOG NUMBER <b>A2577900</b> THIS DRAWING IS THE PROPERTY OF <b>ARGONNE NATIONAL LABORATORY</b> UNIVERSITY OF CHICAGO		
DRAWN BY <b>corcuera</b>		DATE <b>11/18/96</b>	CHIEF DESIGN ENGINEER <b>D. SHU</b>	DATE
CHECKED BY <b>J. CHANG</b>		DATE <b>2/18/97</b>	GP LEADER <b>T. KUZAY</b>	DATE <b>2/20/97</b>
DESIGNER <b>CHANG/CORCUERA</b>		DATE <b>2/18/96</b>	PROJECT MGR.	DATE
RESPONSIBLE ENGINEER <b>J. CHANG</b>		DATE <b>2/18/97</b>	APPROVED/RELEASED	DATE
MATERIAL <b>99.6% ALUMINA ADS 996</b>		SCALE <b>1:1</b>	SIZE <b>B</b>	DRAWING NUMBER <b>P4105091407-520006-00</b>

SYM	CHANGE DESCRIPTION	BY	CHKD	DATE
REVISIONS				

ADVANCED PHOTON SOURCE

B7-50 ID MASK  
WITH BM BPM  
STRIP (NARROW)